TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET9616A

CERTIFICATE HOLDER:
Cowin Svenska AB

900 kg max



MANUFACTURING SITE: Dingzhou Tian Yilong Metal Products Co., Ltd., Liusu Industrial Zone, Dingzhou 073000, Hebei Province, P.R.C., China

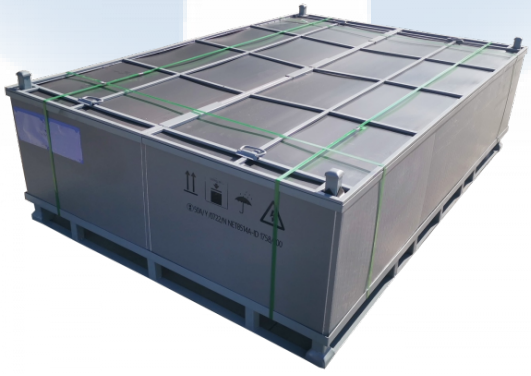
UN MARKING:
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

50A/Y/MMYY/N
NET9616A-ID
1758/900

(un)	: The United Nations symbol
50A	: Large packaging, steel
Y	: Packaging group II
MMYY	: To be replaced with the month and year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET9616A - ID	: Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
1758	: The stacking test load in kg
900	: The maximum permissible gross mass in kg

PACKAGING DESIGN:

Description	Drawings
A steel box with removable lid in two parts. The frames and pallet are in steel, the cover in plastics.	8514A-1-001



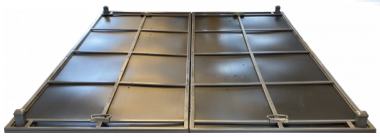
DIMENSIONS:

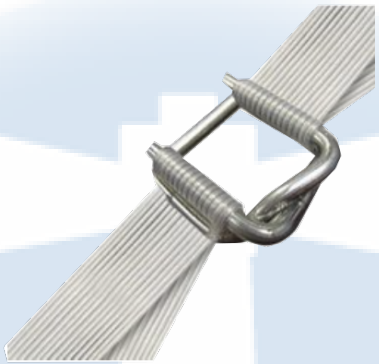
Packaging weight, kg	Volume, l	Length, mm	Width, mm	Height, mm
210	2730	2440	1665	740

NET AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSURES AND FITTINGS:

#: Lid with strap 2, 2.1 or 2.2	Responsible distributor	Drawings/ Description	Material
1: Lid in two parts	DESAPAC AB	8514A-1-002	Steel/ Plastic
2: Strapping * 4	Any	12 mm, 130 kg	PP
2.1: Strapping * 4	Any	35 mm, 1000 kg	Polyester
2.2: Strapping * 4	Any	16 mm, 450 kg	Polyester









OTHER PARTS:

Type	Drawing/ Describtion	Material
Box Coaming	8514A-1-006	Plastic, details in report
Pole	8514A-1-005	Steel
Box base	8514A-1-003	Steel with shock absorber in rubber
Strapping * 2	EN12195-2, 408 kg, 300 + 4700 mm	PES webbing

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AUTHORITY:
The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.
NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.
NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.
NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

APPLICABLE REGULATIONS:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
IMDG, International Maritime Dangerous Goods Code, for sea transport.
ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IATA, Dangerous Goods Regulations, for the air transport.

TESTS PERFORMED:
Prototype tests performed and approved according to the above regulations:
6.6.5.3.1 Bottom lift test
6.6.5.3.3 Stacking test
6.6.5.3.4 Drop test

SCOPE OF APPROVAL:
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction; LP903/LP904.

APPROVED CONTENT:

Content	Battery dimensions, mm	Battery weight, kg
UN3480, Lithium ion battery: Volvo 2P6S, packed in accordance with the instruction of packaging: baRa NET8514-1, provided by the certificate holder.	2303*1524*259	656

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DOCUMENTS FORMING THE BASIS FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8514A	17.06.2022	NET	Type approval
NET85TE05	20.05.2022	NET	Technical evaluation, 2.1
NET85TE06	29.06.2022	NET	Technical evaluation, 2.2

VALIDITY:

This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires periodic audits by NET in accordance with NET Doc 2: "Production control agreement".
The packaging shall be manufactured, reconditioned and tested under a quality assurance programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

TEST METHODS AND STANDARDS:

All tests are performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **05.11.2026** CERTIFICATE IS VALID UNTIL: **31.03.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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